Air Live®
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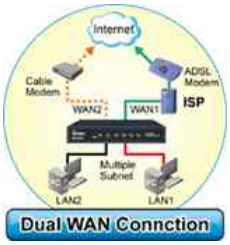
RS-1200

Dual WAN Security Gateway

Are you still using a PC based Firewall program to manage your company's network? The AirLive RS family of security gateways are designed to offer complete advance Firewall,2-Way Bandwidth manager, VPN servers, Messenger Control, Access Authentication, and much more in an all-in-one box. The RS-1200 is powered by a powerful

Dual WAN Connection

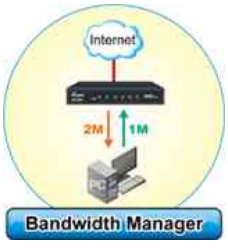


The RS-1200 offer 2 of WAN interface for load balancing and redundancy. Reducing the risk of a potentially catastrophic shutdown if one of the connections should fail. In addition to maintaining a reliable connection, RS-1200 features out-bound load balancing that can increase your upstream bandwidth when connecting to 2 different ISP services.

DMZ port support

DMZ port is a specific hardware port that lets outside user from internet access your servers without exposing your network to attack. Therefore, you can put your server group on the DMZ port and put your PC network on the regular LAN port. This setup protects your local network from the traffic to the server group. Best of all, users can choose to use NAT or Transparent modes for the DMZ port.

QoS Bandwidth Management



The RS-1200 feature AirLive's second generation bandwidth management function with easier setting and more features. Administrators can control the bandwidth speed for downstream and upstream traffic separately. For each traffic direction, administrat or can define the Guaranteed (Minimum) and Maximum bandwidth. Furthermore, the bandwidth definition can be saved as a policy for firewall. So the administrator can easily control the bandwidth of a single IP, IP group, or by application Best of all, application support are user definable for infinite expandability. Whether it is for business to set priority of their application or for selling Internet services by bandwidth, the RS-1200 has the function for it..

VPN Server and client

The RS-1200 features advance VPN server and client funcation.The gateway offers both IPsec and PPTP server function plus PPTP client function, So whether you want to work from home or connect 2 office networks together over Internet securely, the RS-1200 has the function for you.

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Multiple Virtual Sever

Some router provide Multi-DMZ support. But the RS-1200 goes one extra step to provide multi virtual server support.

So that means if your ISP provide more than one real IP address, you can take full advantage of it by assigning different forwarding rules for each real IP address. Up to 4 real IP addresses are supported each with its own NAT table

Policy Based Firewall with scheduling

At the factory's default setting, the RS-1200 does not open any services. Administrator should decide whether to open all services (just go to the policy page and create a policy from inside any to outside any and create another one from outside any to inside any) or open certain services only. The policies are listed in a order list, so administrator has the flexibility to choose which policy has the highest priority. Best of all, all these policies can be activate or deactivate by automatic scheduling
(Monday to Sunday, starting and finishing hours)

Password Authentication for Internet Access

For each policy, administrator can define a password needed for accessing. Take for example, you can set a policy for web browsing (port 80). And the gateway will automatically pop-up a window asking the user to enter password when they want to access the Internet. Up to 200 authentication policies can be made. This feature is useful for system administrator who want to limit certain service to certain individuals regardless of which station they use. Furthermore, it can also be used for control of selling Internet services

Content Filtering

system administrators can establish and enforce acceptable Internet access policies. Content filtering enables the blocking of certain websites either by IP or by domain name. Administrators can also define schedule for each content filtering rules. But best of all, you can also choose to block javascript, active-X, POP-UP, or Cookies. Up to 300 content filtering rules can be made.

Messenger and Skype Blocking

One of the biggest headache for system administrators is to block messenger and Skype traffic. Because these application use dynamic ports that are hard to block, it is usually difficult to block those particular applications. With the RS-1200, it can block MSN messenger, Yahoo Messenger, ICQ, QQ messenger, and Skype traffic with a click of a button.

Advance Security Functions

The gateway can be either configured in transparent mode as a gateway or enable the NAT router function. It has many security features built-in such as SPI, SYN, ICMP, DoS, UDP, Ping of Death and Port Scan. The traffic log can be sent automatically by email or by Syslog function. The gateway even features Accounting Report function that display individual IP/service's usage in time or Kilobytes. Therefore, administrator can charge account by time or traffic used.

The RS-1200 is a product that combines the most important and useful security features in one package. It allows you to take complete control over your network. Contact your authorized AirLive dealer for details

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Specification

Hardware

- Processor : Intel IXP425, 266MHz
- Memory: 8MB Flash, 64MB SDRAM
- Power: 100~240 VAC DC 5V, 2.4A
- Dimensions: H: 40mm W: 150m D: 220mm

Connection & Display

- LAN port
  - 1x 10/100 Base-T Ethernet RJ 45 port
- WAN port
  - 2 x 10/100 Base-T Ethernet RJ45 port
- DMZ port
  - 1x 10/100 Base-T Ethernet RJ 45 port Connecting to Internet FTP,SNMP,HTTP,DNS)
  - Reset Reset to the original default setting

QoS function

- Upstream and Downstream Bandwidth Control
- Define Guaranteed and Maximum Bandwidth
- Limit bandwidth by IP and/or by Application Service
- User definable Service
- Save QoS rule as a policy

Authentication

- Local User name and password
- build in Authentication User (up to 200 Users)
- build in Authentication Group (up to 20 Group)

WAN Support

- PPPoE
- Fixed IP
- DHCP
- WAN1/ WAN2 interface enable
- setup ICMP, DNS WAN connection service
- PPTP
- 70Mbps NAT throughtput
- 45000 Concurrent NAT sessions

Security Functions

- Incoming and Outgoing Policy
- Stateful Packet Inspection (SPI)
- PI, SYN, ICMP, DoS, UDP
- Permited IP
- Ping of Death and Port Scan
- Blaster Alert
- VPN pass-through
- IPSec and PPTP
- 50 max VPN tunnel entries

Log and Stastic

- Email alert
- Syslog
  - Accounting Report
  - Incoming IP traffic
  - Outgoing IP traffic
  - Incoming Service
  - Outgoing Service
  - By usage in Kbps
  - By Time used
- Event Alarm

Content Filtering

- Javascript, active-X, POP-UP, or Cookies controls
- eDonkey , BT , WinMX P2P Blocking
- IM Blocking
  - MSN messenge
  - Yahoo Messenger
  - ICQ
  - QQ
  - Skype

Virtual Server

- Multi Virtual Server support (up to 4 real IP)
- Up to 16 virtual server entries

Management and Maintenance

- Web-based management
- Firmware upgrade
- DDNS
- Routed Table

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Specification

LAN support

- DHCP with 2 WINS server settings
- Transparent mode
- NAT mode
- Multiple Subnets

DMZ support

- NAT mode
- Transparent mode
- LAN to DMZ, DMZ to LAN, WAN to DMZ, DMZ to WAN
- policy control

Scheduling

- Define Days of the Week
- Define Start Hour (in 30 minutes interval)
- Define Ending Hour (in 30 minutes interval)
- Up to 20 schedule type
- Clock
- Host name table

Environmental Specifications

- Operating Temp: 0°C to 55°C;
- Storing Temperature : -20°C ~ 70°C
- Operating Humidity: 90% max relative non-condensing

EMI/EMC Compliance

- Comply with FCC part 15, subpart J
- Class B CISPR/FCC
- Comply with CE/EMC

Ordering Information

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